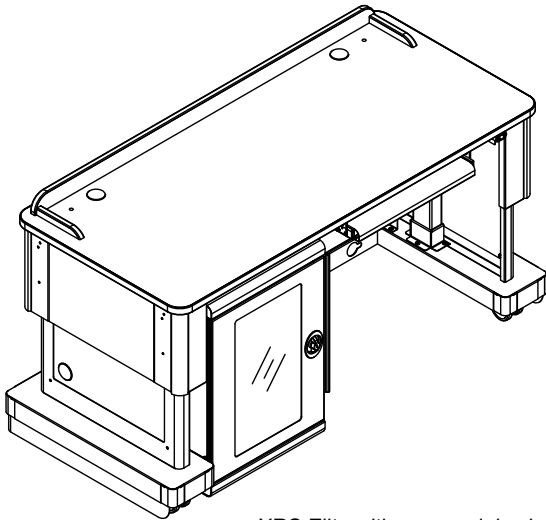
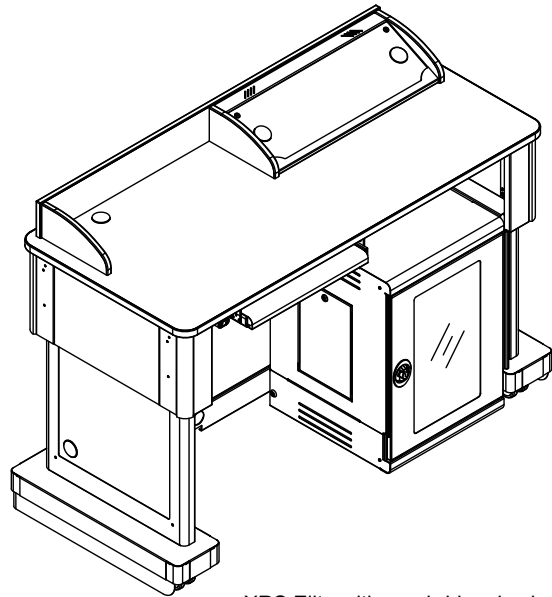


Freedom XRS Elite Lectern™

55289



XRS Elite with surround, keyboard tray, and rack cabinet installed on left (shown retracted)



XRS Elite with overbridge, keyboard tray, and rack cabinet installed on right (shown extended)

Important

Before using this product:

- Read this manual
- Comply with all safety and operating instructions
- Ensure all parts and correct quantities are included

Any parts damaged during shipment must be reported within 15 days of receipt. To report information regarding missing parts or damage, to purchase parts or accessories, or if you have any questions, please contact us.

Thank you for purchasing Spectrum products!

Spectrum Industries, Inc
925 First Avenue, Chippewa Falls, WI 54729 USA
800 235 1262
715 723 6750
www.spectrumfurniture.com

Important Safety and Care Instructions

- Read this owner's manual before assembly or operation.
- Do not allow children to move the lectern.
- Proceed slowly and carefully when moving the lectern.
- For indoor use only. Do not install or store the lectern where it will be exposed to moisture.
- Do not block the ventilation openings.
- Avoid uneven loading of the equipment into the lectern. Uneven weight distribution could cause the lectern to tip when the lectern is moving.
- Do not allow anyone to sit, stand, or climb on the lectern.
- Use a damp, soft-cloth, or sponge, with mild soap or detergent solution to clean dirty surfaces. Do not use harsh solvents or abrasives.
- This lectern is intended for institutional use. It does not have any user-serviceable parts or user-maintenance requirements. If servicing is necessary, please contact Spectrum Industries for assistance.

 **Warning** - Relocating audio and/or video equipment to furniture not specifically designed to support audio and/or video equipment may result in death or serious injury due to the furnishing collapsing or over turning onto a child.

 **Warning** - Death or serious injury may occur when children climb on audio and/or video equipment furniture. A remote control or toys placed on the furnishing may encourage a child to climb on the furnishing and as a result the furnishing may tip over on to the child.

Electrical Safety:

- Do not plug the power cord into an extension cord.
- Inspect power cords for damage before each use. Do not use power cords that are damaged.
- Unplug power cord from electrical outlet by gripping the cord. Do not unplug the power cord by pulling only on the cord.
- Do not step on, drive over, drag, or place objects on the power cord.
- For added safety, plug the lectern into a grounded outlet controlled by a GFI (Ground Fault Interrupter) circuit breaker.
- Electrical devices are not toys. Children are often unaware of the hazards associated with electrical devices. This lectern must always be used by adults or with adult supervision.

Note: The Freedom XRS Elite Lectern is not designed for use with cord reels or surface-mount cord reel accessories.

Note: CPU slings cannot be used with Freedom XRS Elite lecterns because of mounting and ADA-compliance considerations. If a CPU is necessary, it can and should be installed into the rack cabinet using a rack-mount shelf. See website for rack-mount accessories.

 **Use caution when raising or lowering lectern!**

 **CAUTION** 
Always unplug lectern before working under the work-surface or inside rack cabinet. Do not place anything under worksurface when operating lift. Use caution when raising or lowering the worksurface!

1. Unloading lectern

Note: Upon receiving lectern, inspect packaging for damage. To report information regarding damages, please call 1-800-235-1262 within 15 days of receipt.

Tools Required



Utility knife

1. Cut and remove banding using a utility knife, scissor, or other cutting tool.
2. Remove steel corners by removing screws using Phillips screwdriver.
3. Open top of box by unfolding flaps.
4. Remove plywood ramp from package. Place on floor next to the pallet. **Figure 1.** This will be used to unload the lectern off the pallet.
5. Remove cardboard sleeve by lifting it up and over the lectern.
6. Remove protective shrink-wrap from lectern using a utility knife, scissor, or other tool. Be careful not to damage the lectern when cutting shrink-wrap
7. Remove Styrofoam corner blocks.
8. Using ramp, carefully lower the lectern off the pallet onto the floor.

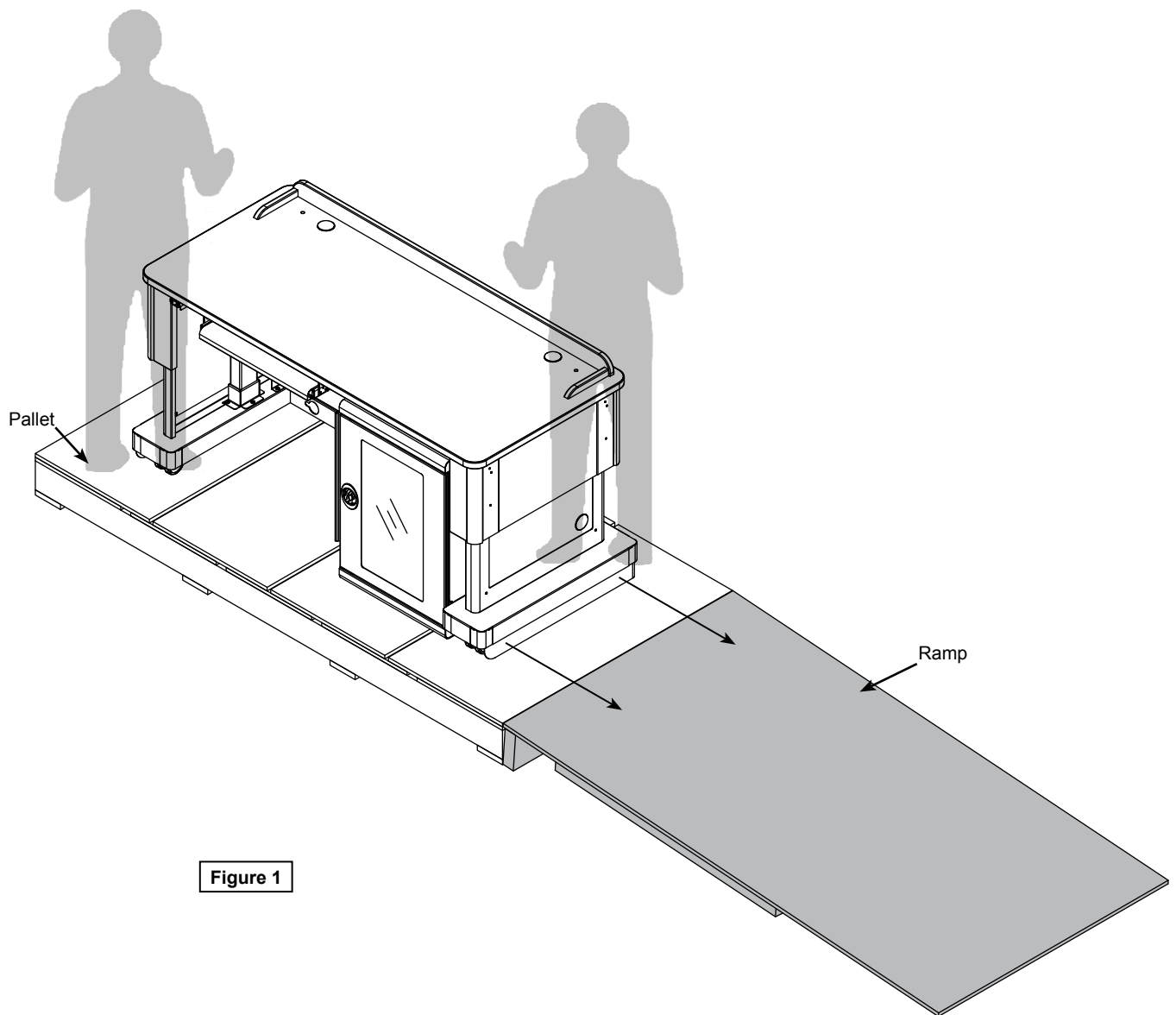


Figure 1

2. Lectern lift mechanism initial setup, operation, and reset procedure

Preparation:

- Read all instructions before operation.
- Make sure lectern is plugged-in using the 15-foot, 15-amp power cord.
- Locate the "Up" and "Down" control buttons. Control pad is located on the instructor-side under the worksurface front edge on opposite side from rack cabinet.
- Keep clear of pinch points during worksurface movement.

Normal Operation:

To raise or lower the lectern, press and hold the "up" or "down" arrow keys on the control pad until the worksurface reaches the desired height. The worksurface can be adjusted from 32.5"H (minimum) to 40"H (maximum).

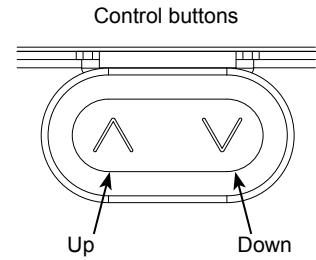


Figure 2A

Note: The lectern has a load-sensing, anti-collision feature programmed into the controller that actively locks out the lift mechanisms when unbalanced loads are encountered; i.e. an obstruction under the worksurface, or weight from a person sitting on one side of the lectern.

CAUTION
Keep clear of pinch points during worksurface movement. Note: The lift actuators provide 540 lb of lift.

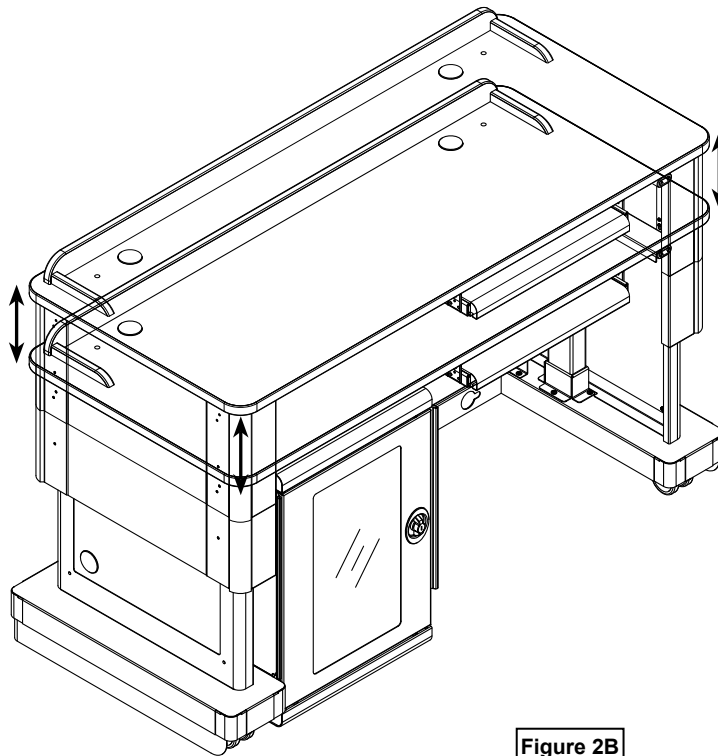


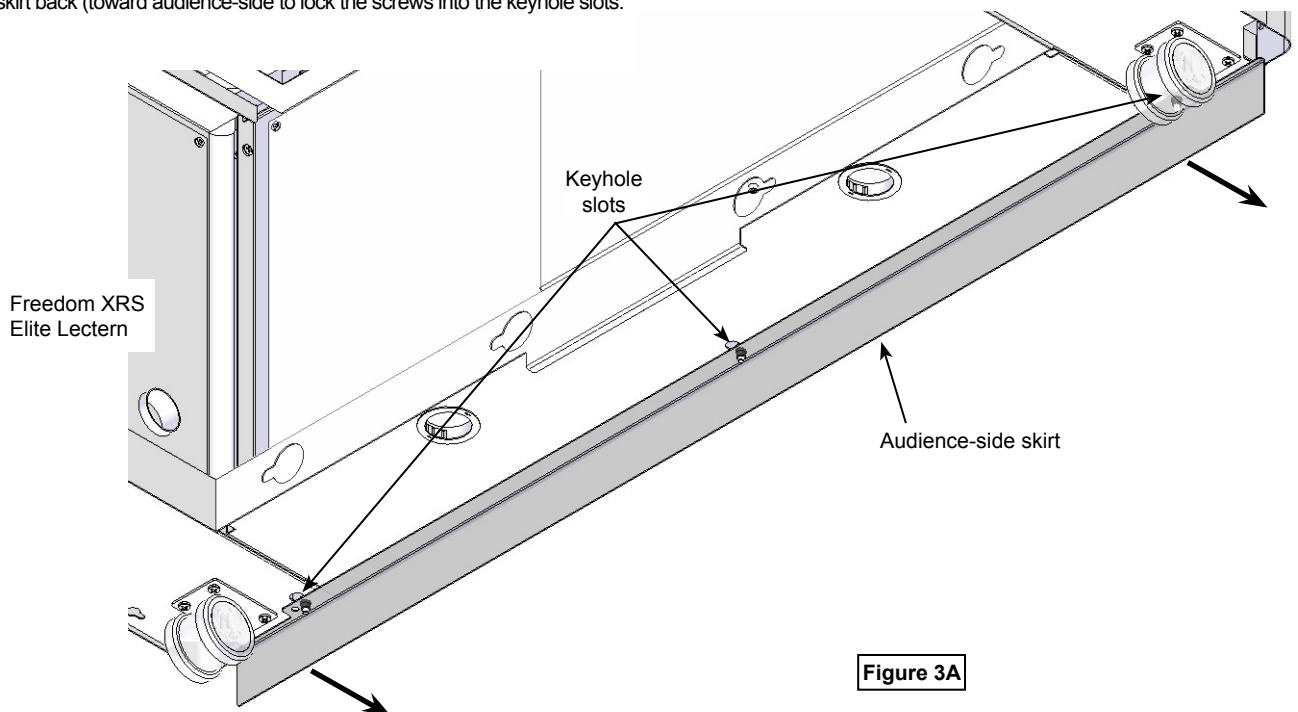
Figure 2B

CAUTION
Always unplug the lectern before working under the worksurface. Do not place anything under the worksurface when operating lift. Although this lectern utilizes an anti-collision feature that briefly stops and reverses the worksurface motion in the event of an obstruction, use caution when raising or lowering. **Do not** sit at, under, or on the worksurface when operating the lift mechanism and be sure lectern movement does not interfere with objects or people. **Use caution when raising or lowering the worksurface!**

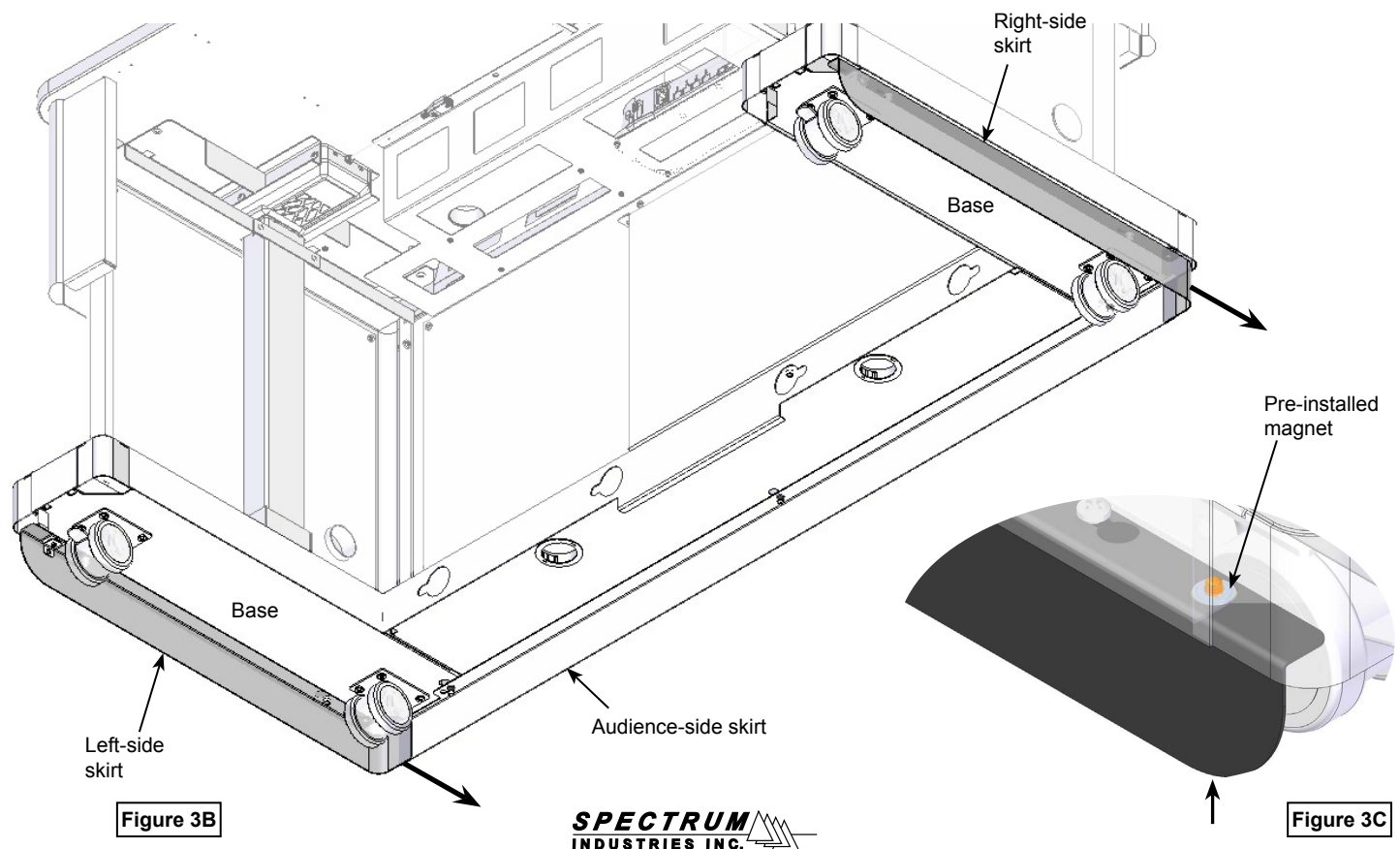
3. Install 3-piece skirt

Note: The skirt has been designed to be installed tool-free with the lectern upright. Do not tip the lectern to install.

1. Position the audience-side skirt as shown and hook the (3) pre-installed screws into the (3) keyhole slots. **Figure 3A.**
2. Pull the skirt back (toward audience-side) to lock the screws into the keyhole slots.



3. Position each side skirt as shown and hook the (2) pre-installed screws into the (2) keyhole slots. **Figure 3B.**
4. Pull the skirt back (toward audience-side) to lock the screws into the keyhole slots. The short flat skirt edge should contact the audience-side skirt.
5. A pre-installed magnet on each skirt will secure the assembly to the lectern base. Make sure the magnet on each side skirt is fully-seated and contacting the base. (Each skirt should be level). **Figure 3C.**



Rack Cabinet - *optional*

The removable rack cabinet (14RU front, 10RU rear) simplifies installation and provides the ability to integrate equipment remotely, and docked into the lectern at a later date. **Figure 4A.**

Detaching Cabinet

1. To detach the rack cabinet from the lectern, unlock the cabinet lock pawl near the floor. **Figure 4B.**
2. Slide the cabinet toward the center of the lectern to release the cabinet from the keyhole slots.

Docking Cabinet

1. To secure the rack cabinet to the lectern, position the cabinet on the left, or right-side of the lectern.
2. Engage the keyhole slots and slide the cabinet toward the outside leg of the lectern to secure.
3. Lock the cabinet lock pawl near the floor.

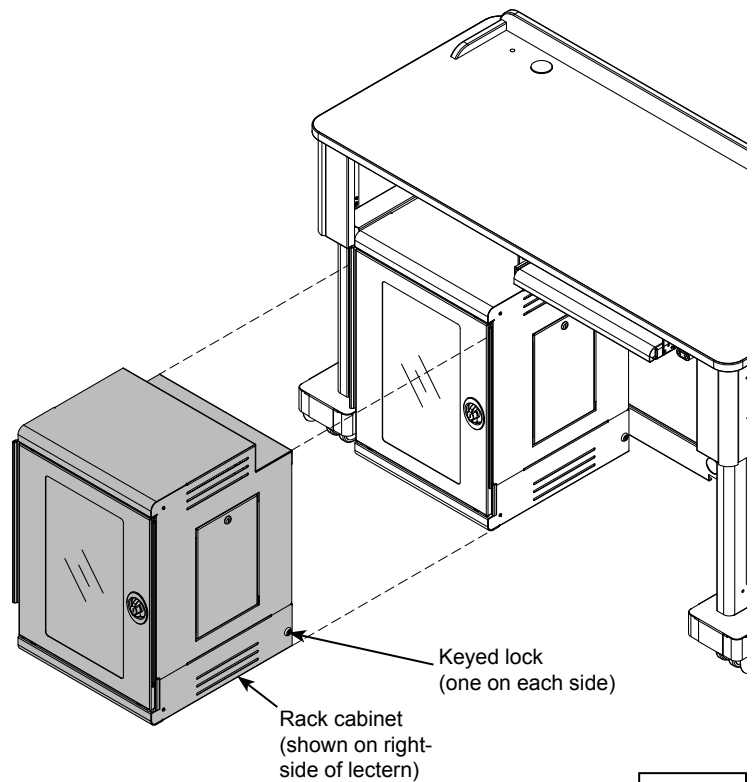


Figure 4A

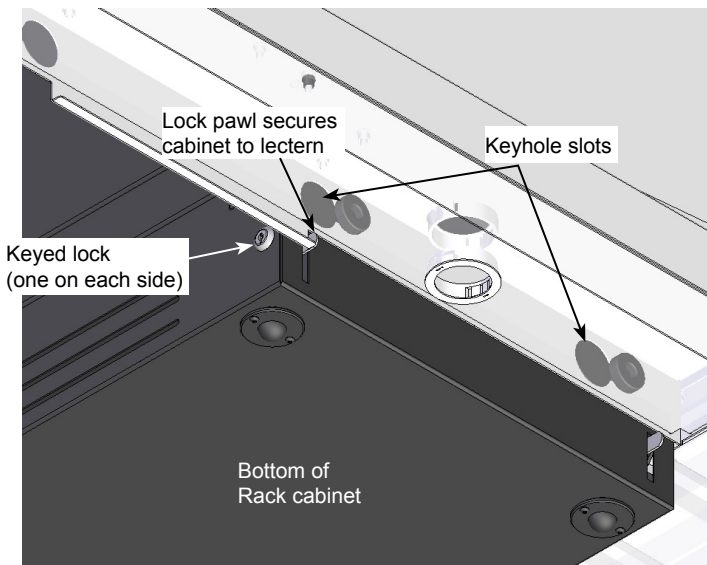


Figure 4B

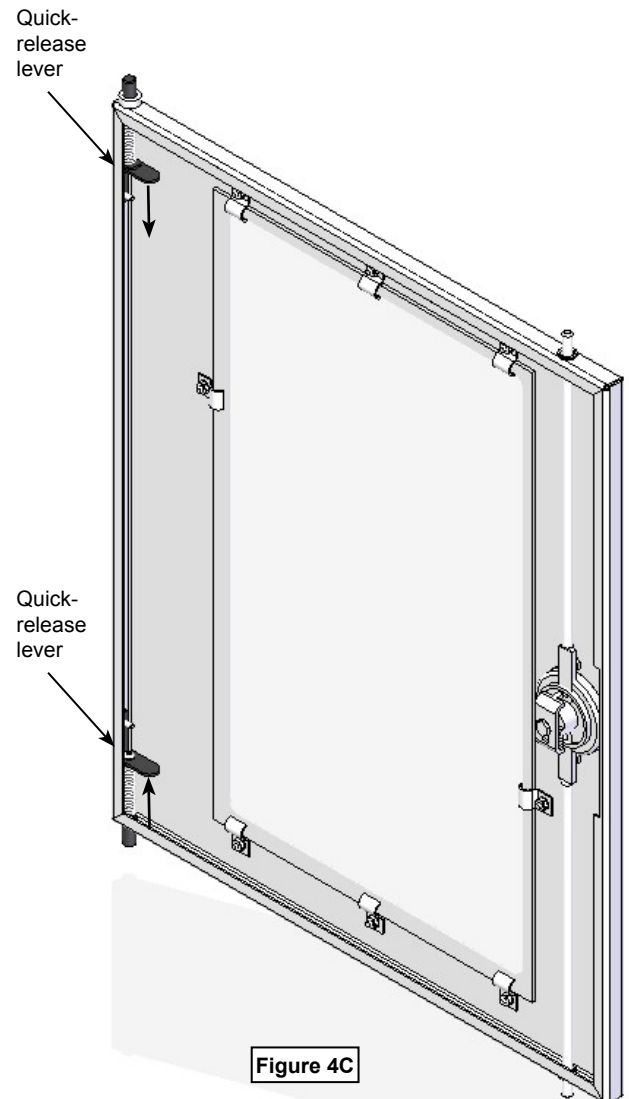
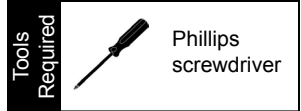


Figure 4C

Quick-Release Door

The symmetrical door can easily be removed or switched to be hinged from left or right using the quick-release hinge lever located on the door. **Figure 4C.**

Flip-up shelf operation - *optional*



Operation

The shelf will automatically lock into place when lifted into the horizontal position with the levers released. **Figure 6A.** To lower or flip-up the shelf, press and hold the levers under each folding shelf bracket at the same time while slowly lowering or raising the shelf. Do not exceed a maximum of 50 lb of weight on the shelf. Do not move the unit while the shelf is in the horizontal position.

1. If your shelf is not already installed, attach the folding shelf brackets to the preferred side of the lectern with (3) 8-32 x 1/2" PH thread-cutting screws. **Figure 6B.** Do not tighten completely yet.
2. Set a shelf shim on each bracket, then place shelf on top. Align all holes and secure with (8) #8 x 1" PHSM screws.
3. Tighten all screws securely.

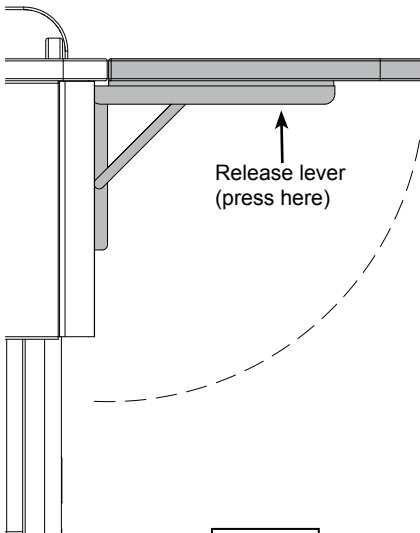


Figure 6A

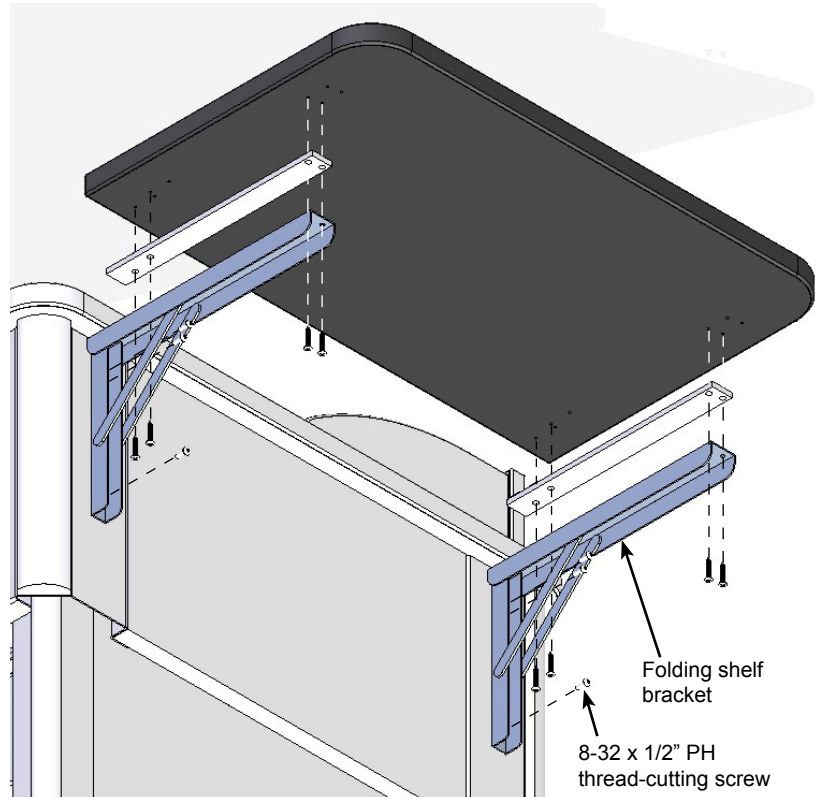


Figure 6B

⚠ CAUTION ⚠

Keep clear of pinch points during shelf movement.
Do not exceed 50 lb [22.68 kg] of weight on shelf.

Note: Power and communication wiring for document cameras, laptop computers, and / or projectors placed on the flip-up shelf should be routed on top of the audience-side of the shelf. Use of the shelf grommet hole for wiring will result in pinching of the cords when the shelf is folded.

Overbridge insert panel - optional

1. To remove the overbridge insert panel, remove the (2) 1/4-20 x 35mm JC bolts with a 4mm hex wrench and lift out the panel. **Figure 7A.**
2. To make cutouts in the insert panel [optional]:
 - A. Identify all location(s) and sizes for controller(s) or electronics while making sure all devices fit within the maximum cutout space available in the overbridge panel. See **Figure 7B, 7C. See specifications for cutout clearances.**
 - B. Locate and mark the exact cutout area(s) on the panel. **Note: Using masking tape on cut lines will minimize laminate chipping while cutting.**
 - C. Carefully make the cutout(s) in the overbridge panel using a jigsaw or router.
3. Install controller(s) / electronics into panel.
4. Re-install the overbridge panel and secure with (2) 1/4-20 x 35mm JC bolts.

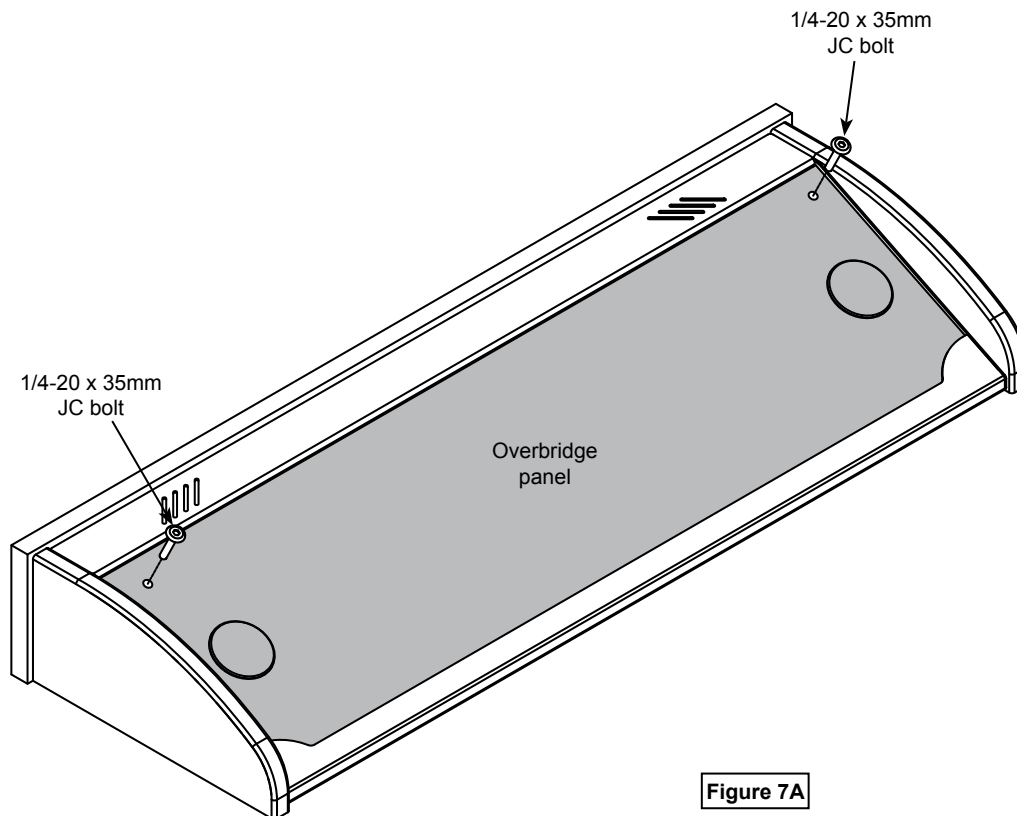
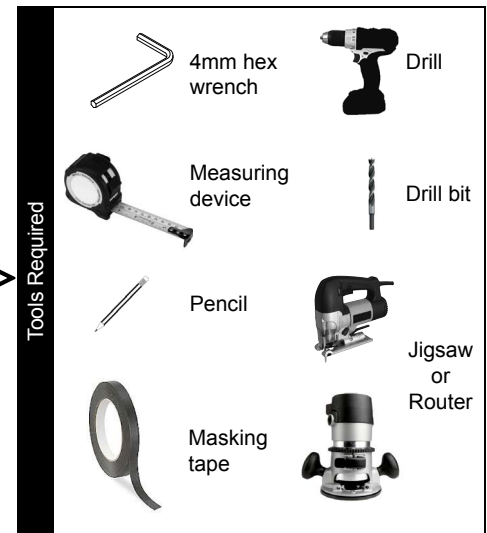


Figure 7A

Note: Blank overbridge panels require the customer to make necessary cutouts with a jigsaw or router. This has a moderate difficulty rating, so experience and skill with tools is required.

Freedom XRS Elite Lectern overbridge insert panel blank
(flat view)

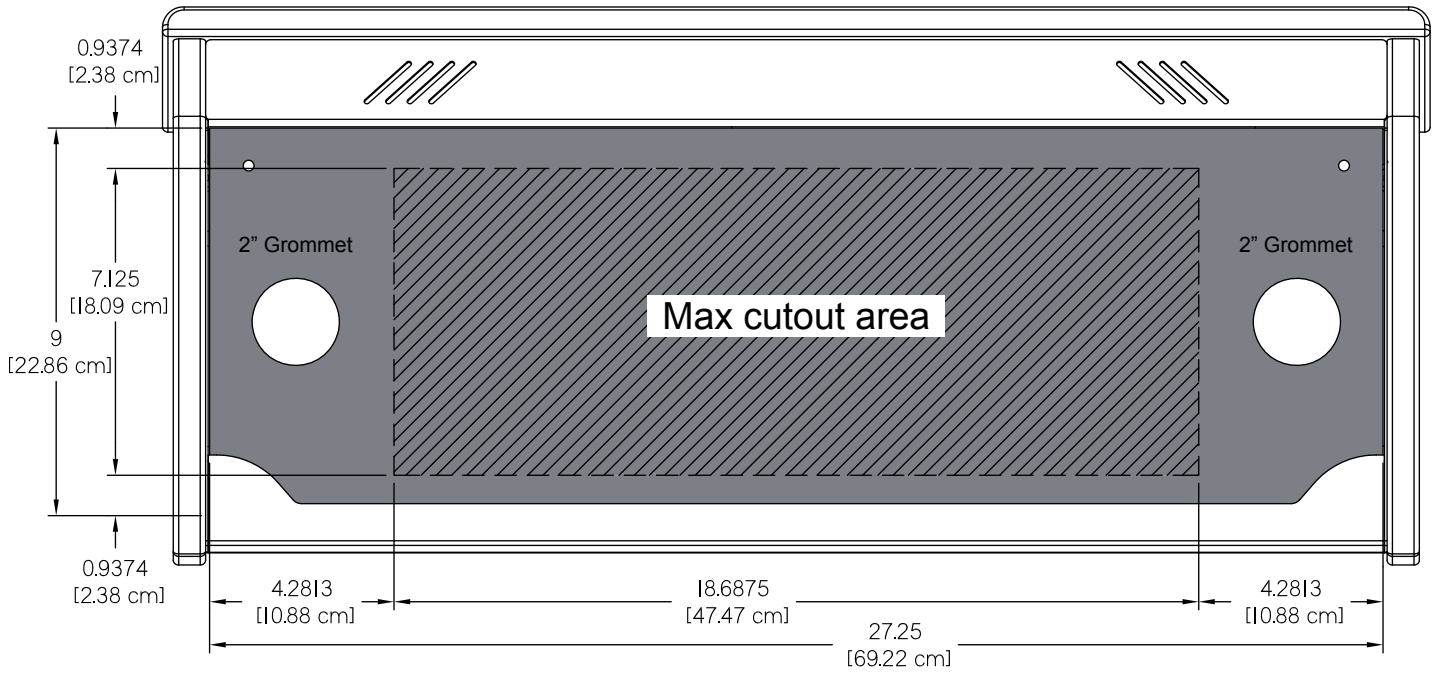
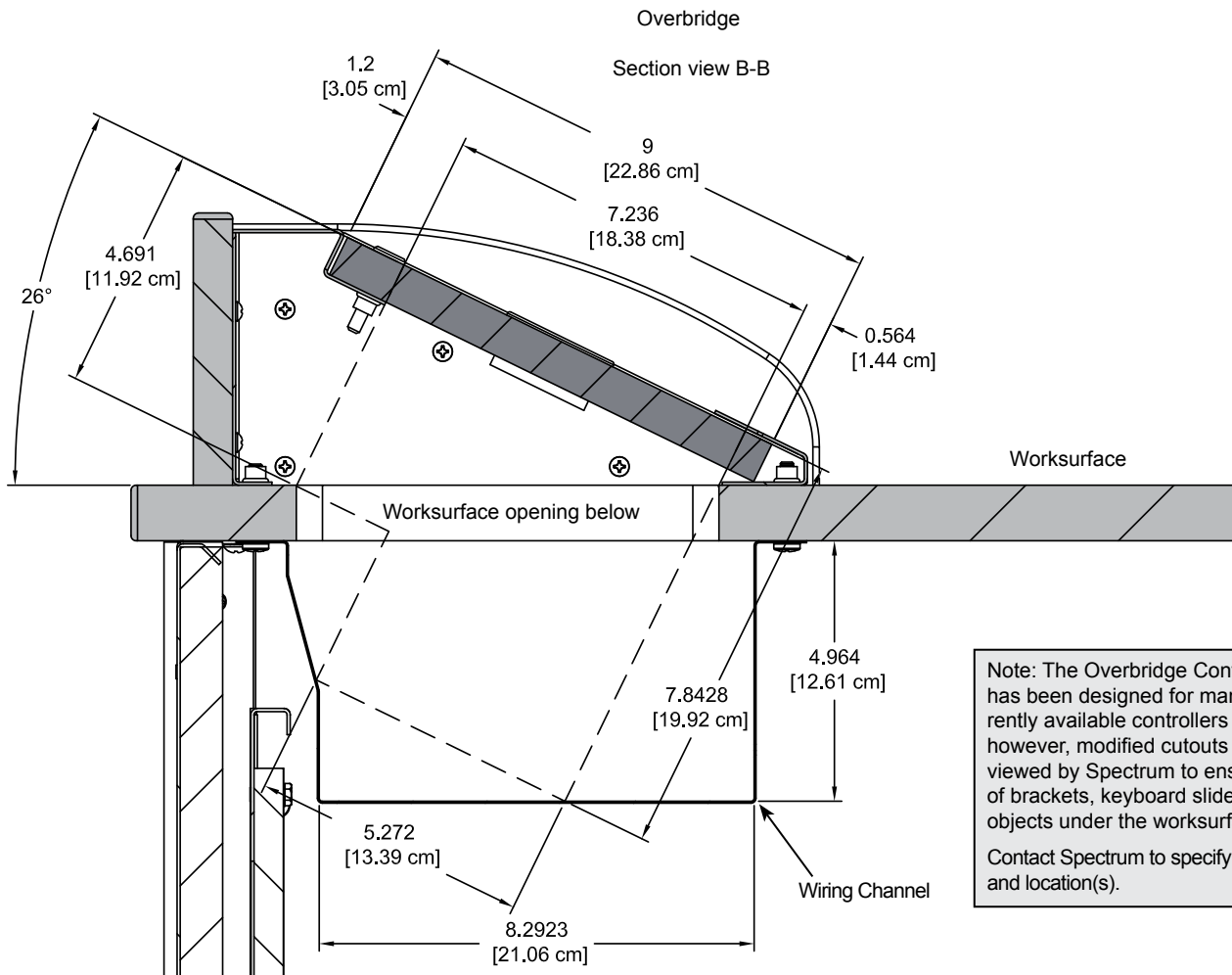


Figure 7B



Note: The Overbridge Control Console™ has been designed for many of the currently available controllers on the market, however, modified cutouts should be reviewed by Spectrum to ensure clearance of brackets, keyboard slides, or other objects under the worksurface. Contact Spectrum to specify cutout size(s) and location(s).

Wiring Diagram

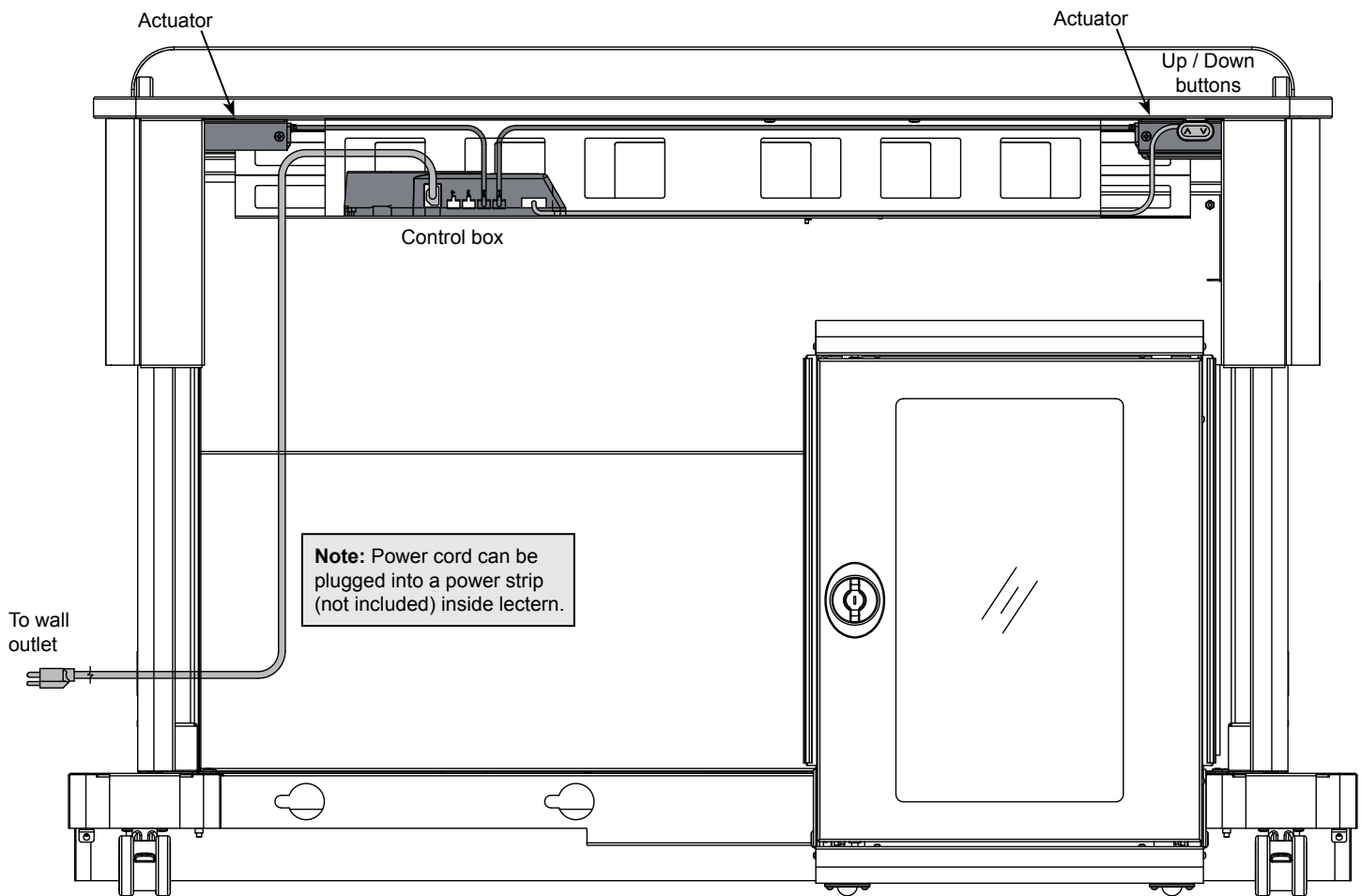


Figure 8A

Control box

Note: A separate power strip is recommended (not included) to plug the control box and other power plugs into. The power strip can be located in the cord channel or lower side of the lectern, and plugged into a wall outlet.



Power plug

Actuator plugs

Control button connection

Note: Extending the worksurface will provide access to the cord channel and control box.

Figure 8B

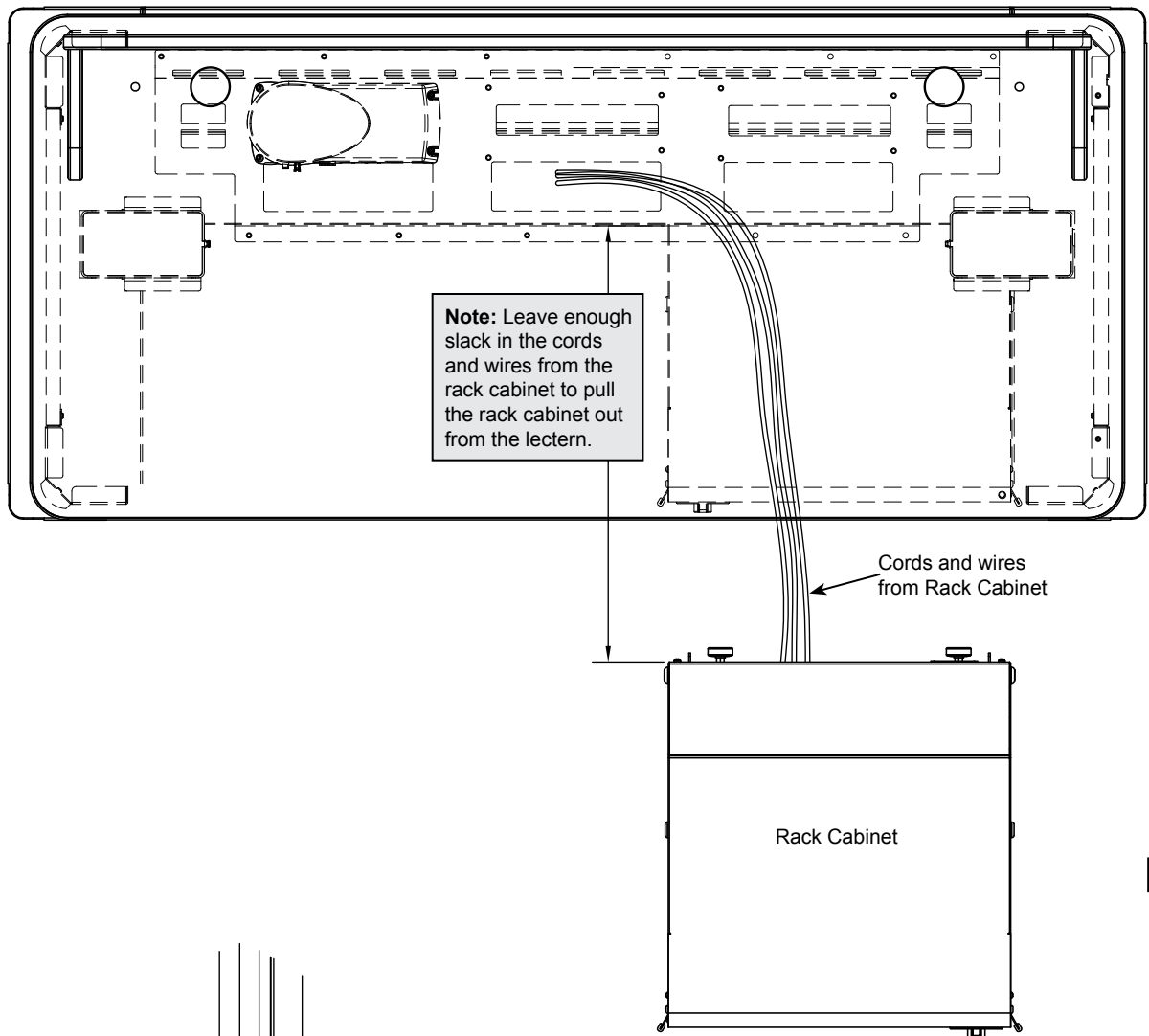


Figure 8C

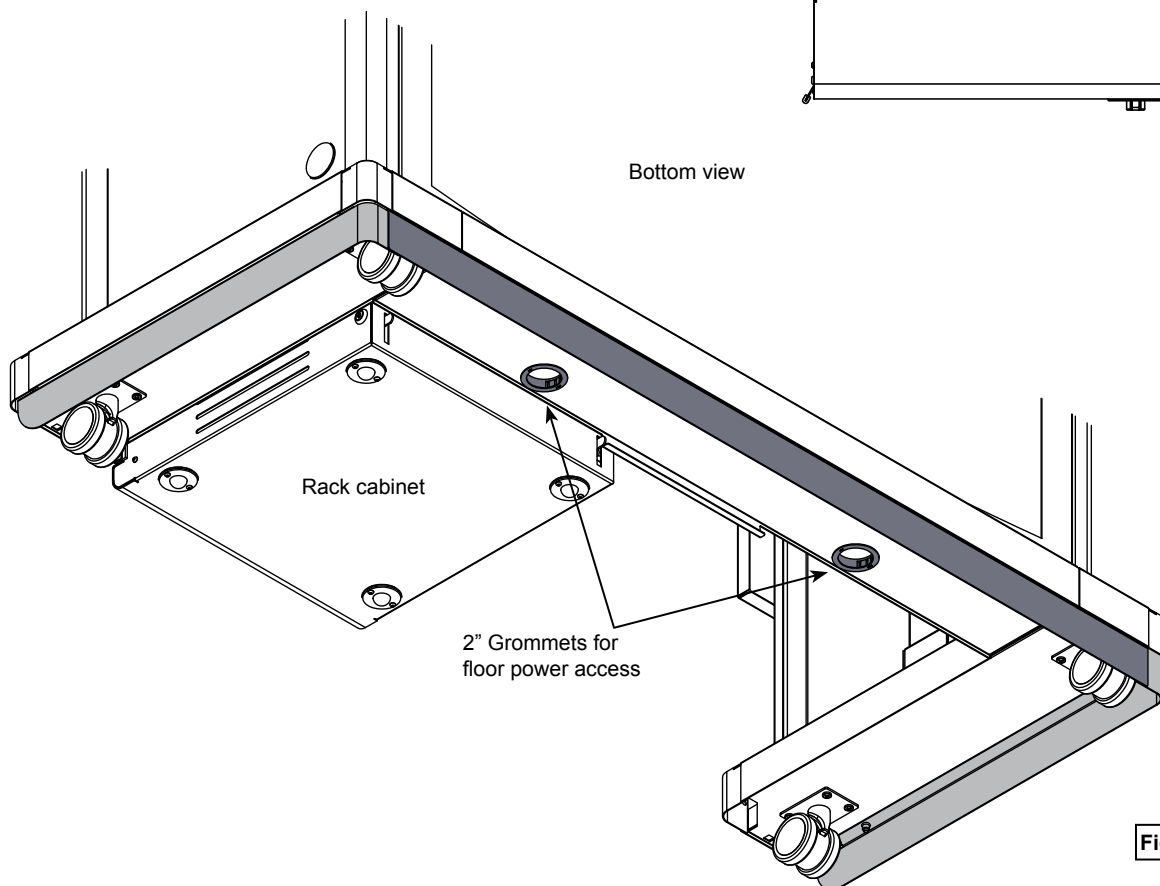


Figure 8D

Caster operation

1. Lock the brake levers to lock movement of the casters.
(Two instructor-side casters only). **Figure 9.**
2. To resume operation, lift up on brake levers.

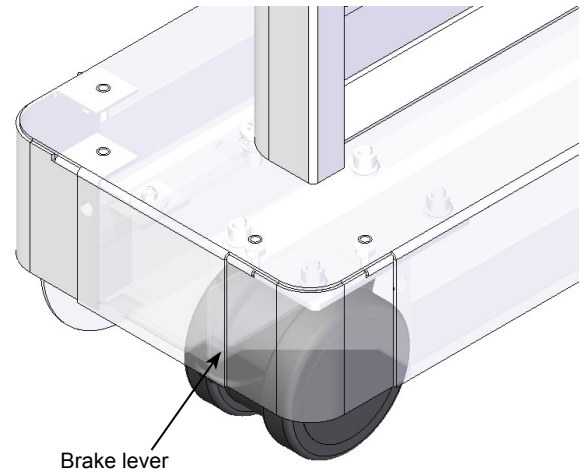
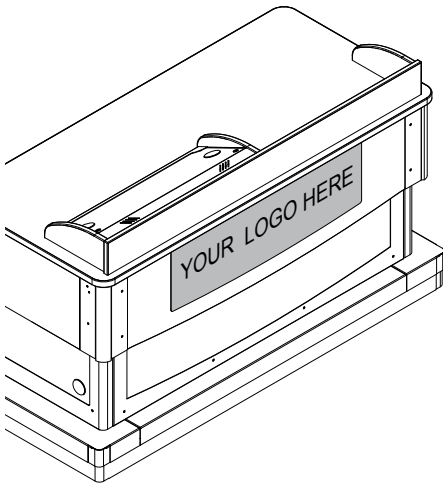


Figure 9

Note: The skirt should be removed to prevent skirt damage if the lectern will be moved over large floor transitions, or thresholds.

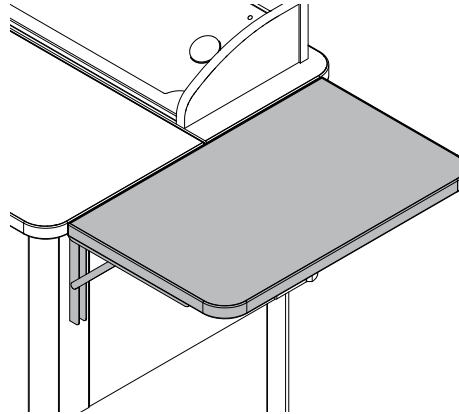
Moving and parking the lectern

- Before moving, unplug and secure all power cords.
- Close and lock doors.
- Remove any items from the top of the worksurface.
- Unlock the casters.
- Push slowly and carefully. Do not move over uneven or irregular surfaces.
- Do not allow children to move.
- Lock the casters after moving.
- Do not park unit in areas of heavy traffic.
- Do not run power cords across hallways, classrooms, or other areas where they will be walked on.
- Do not leave unit unattended in areas where children have access.
- Keep doors closed and locked whenever unit is unattended or parked.
- Keep casters locked whenever the lectern is unattended.



Customized Logo Panel - 55389

- Attaches to audience-side of lectern (panel removal required to install)
- 32.25"W [81.9 cm] x 11"H [27.9 cm]
- To get panel customized-contact Spectrum for details
- New logos require a first time logo charge
- Customer-installed



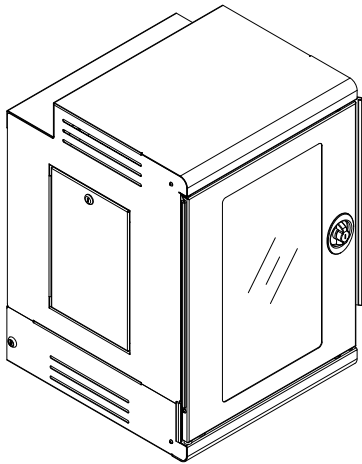
Flip-Up Shelf - 55333

- Shelf hinges lock into place in the upright position
- Shelf installed level with worksurface
- Customer-installed

Weight capacity: 50 lb [22.7 kg]

Dimensions: 15.25"W [38.7 cm] x 24.625"D [62.5 cm] x 1"H [2.54 cm]

Unit weight: 20 lb [9.1 kg]



Rack Cabinet - 55297

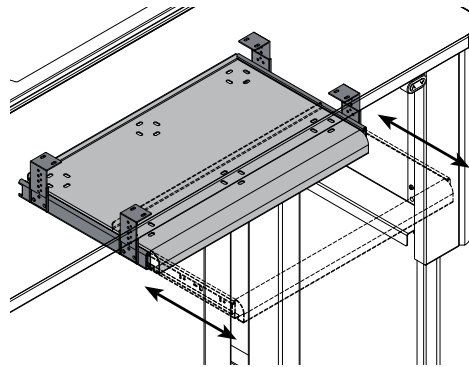
- One rack cabinet attaches to the left or right side of the XRS Elite lectern
- Locking door can be flipped to be hinged left or right
- Locking side hatches
- Removable back panel
- Acrylic panel in door
- Customer-installed

Front rack rail: 14RU

Rear rack rail: 10RU

Dimensions: 20.6"W [52.3 cm] x 27.3"D [69.3 cm] x 28.8"H [73.2 cm]

Unit weight: 65 lb [29.5 kg]



Keyboard Tray - 55334

- Installed in left or right position (opposite rack cabinet) using pre-drilled holes
- Tray can be installed and used as a keyboard tray or flipped and used as a storage drawer using pre-drilled mounting holes under the worksurface.
- Wire management slots in tray
- Max 1 tray per Freedom XRS Elite
- Customer-installed

Slides: Pull out 8" [20.3 cm]

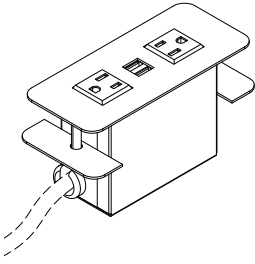
Height-adjustability: 1" [2.54 cm] - 2.375" [6 cm]

Weight capacity: 25 lb [11.4 kg]

Dimensions: 20"W [50.8 cm] x 12.5"D [31.8 cm] x 4"H [10.2 cm]

Unit weight: 10 lb [4.54 kg]

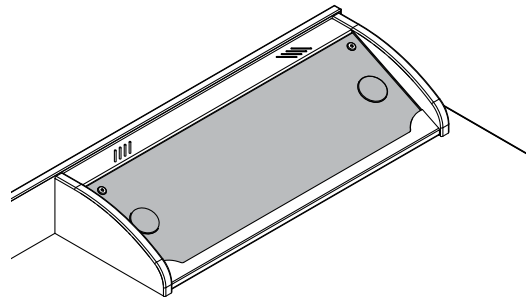
Note: The keyboard tray protrudes 3.9" [10 cm] below the work-surface. If the lectern is used for ADA use, a higher adjusted worksurface is necessary to provide ADA leg clearance.



Cove Power Module - 99044

- Two power receptacles
- Two USB charge ports (not data-compatible)
- Thumbscrew clamps
- Requires worksurface cutout
- ETL listed
- Customer-installed

Cutout required:	5.25"W [13.3 cm] x 2"D [5.1 cm] (mounts to surface thicknesses up to 1.5")
Power cord:	9' [274 cm] with 90° flat plug with 45° rotation
Power receptacles:	12A, 120 VAC spill-resistant
USB charging ports:	2.1A (10.5W)
Dimensions:	6"W [15.2 cm] x 2.5"D [6.35 cm] x 3.18"H [8.1 cm]
Unit weight:	2.3 lb [1 kg]



Overbridge Insert Panel Blank - 96504

Overbridge Insert Panel with cutouts - 96504mod

- For overbridge version only
- Contact Spectrum to specify cutout size(s) and location(s)
- Overbridge not available separately
- Includes two 2" grommets with covers
- Customer-installed

See spectrumfurniture.com for the latest available flat panel monitor arms, and rack-mount accessories.

Warning!

Failure to comply with these instructions may result in accidents involving serious personal injury. Failing to follow these instructions can result in the product being damaged or being destroyed.

Safety Information

General

Safe use of the system is possible only when the operating instructions are read completely and the instructions contained are strictly observed. Failure to comply with instructions marked with the "NOTE" symbol may result in serious damage to the system or one of its components.

- It is important for everyone who is to connect, install, or use the systems to have the necessary information and access to the Owners Manual. Follow the instructions for mounting – risk of injury if these instructions are not followed.
- The appliance is not intended for use by young children or infirm persons without supervision.
- If there is visible damage on the product it must not be installed.
- Note that during construction of applications, in which the actuator is to be fitted, there must be no possibility of personal injury, for example the squeezing of fingers or arms.



Assure free space for movement of application in both directions to avoid blockade.

Before installation, re-installation, or troubleshooting:

- Stop the DL5/DL6
- Pull out the mains plug.
- Relieve the DL5/DL6 of any loads, which may be released during the work.

Before start-up:

- Make sure that the system has been installed as instructed in this User Manual.
- Make sure that the voltage of the control box is correct before the system is connected to the mains.
- System connection. The individual parts must be connected before the control box is connected to the mains. See the User Manual for LINAK actuators, if necessary.

During operation

- If the control box makes unusual noise or smells, switch off the mains voltage immediately.
- Take care that the cables are not damaged.
- Unplug the mains cable on mobile equipment before it is moved.
- The products must only be used in an environment, that corresponds to their IP protection.

Misc.

The actuator system has a sound level below 55dB(A) in typical applications.
Updated manuals and declarations can always be found here:
www.linak.com/desklina

DL6



Only for EU markets

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Only for Non-EU markets

- Persons who do not have the necessary experience or knowledge of the product/products must not use the product/products. Besides, persons with reduced physical, sensory or mental abilities must not use the product/products, unless they are under surveillance or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons.
- Moreover, children must be under surveillance to ensure that they do not play with the product.
- It is the operator's responsibility to ensure that there is free space for the application to move without risk for the operator or bystanders before operating the application.

Misuse

- Do not overload the actuators – this can cause danger of personal injury and damage to the system.
- Do not use the actuator system for lifting persons. Do not sit or stand on a table while operating – risk of personal injury.
- Do not use the system in environments other than the intended indoor use.

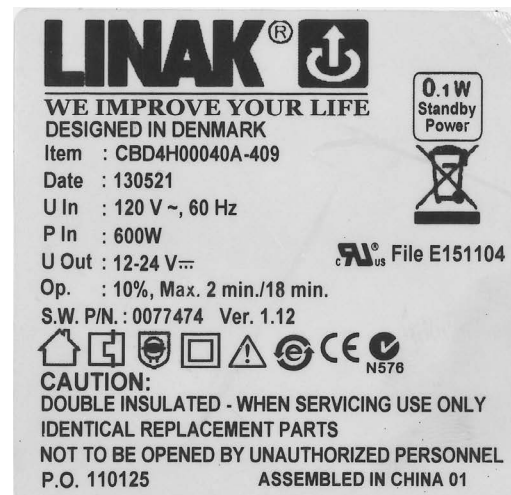
Repairs

In order to avoid the risk of malfunction, all DESKLINE® repairs must only be carried out by authorised LINAK workshops or repairers, as special tools must be used and special gaskets must be fitted. Lifting units under warranty must also be returned to authorised LINAK workshops.

Warning! If any of the DESKLINE® products are opened, there will be a risk of subsequent malfunction.

Warning! The DESKLINE® systems do not withstand cutting oil.

CBD4



Misc. on the DESKLINE® DL5/DL6 system

This system is a DESKLINE system developed for desks and for indoor use in offices. Do not use it in industrial kitchens or in other environments that have to be cleaned with aggressive detergents. Do not bolt the legs to the floor so that free movement is prevented. This could cause serious damage to the legs in fault situations.

Warranty

There is a 36 months' warranty on the DESKLINE products against manufacturing faults from the production date of the individual products (see label). LINAK A/S' warranty is only valid in so far as the equipment has been used and maintained correctly and has not been tampered with. Furthermore, the system must not be exposed to violent treatment. In the event of this, the warranty will be ineffective/invalid. For further details, please see LINAK A/S ordinary conditions of sale.

Maintenance

Clean dust and dirt on the outside of the system at appropriate intervals and inspect them for damage and breaks. Inspect the connections, cables, and plugs and check for correct functioning as well as fixing points.

Service of double-insulated products:

Class II

A Class II or **double insulated** electrical appliance is one which has been designed in such a way that it does not require a safety connection to electrical earth (US: ground).

The basic requirement is that no single failure can result in dangerous voltage becoming exposed so that it might cause an electric shock and that this is achieved without relying on an earthed metal casing. This is usually achieved at least in part by having two layers of insulating material surrounding live parts or by using reinforced insulation. There is no earthing/grounding means provided on the product, and no earthing/grounding means is to be added to the product.

In Europe, a double insulated appliance must be labelled "Class II", "double insulated" or bear the double insulation symbol (a square inside another square). Servicing a double-insulated product requires extreme care and knowledge of the system, and is to be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to the parts they replace.



The cleaners and disinfectants must not be highly alkaline or acidic (pH value 6-8).

Description of the DESKLINE® DL5/DL6 system

Each DESKLINE® DL5/DL6 lifting units is equipped with a motor and parallel/memory drive is ensured by means of software in the CBD4/CBD5/CBD6 that also takes account of oblique load on the desk. Soft start and stop are also part of this software, which ensures a soft start and stop when adjusting the desk.

Application of the DESKLINE® DL5/DL6 system:

Irrespective of the load the **duty cycle 10% ~ 6 min./ hour or max. 2 min. at continuous use** stated in the data sheets, must **NOT** be exceeded as this will result in a superheating of the motor, the brake and the spindle nut. Exceeding the duty cycle will result in a dramatic reduction of the life of the system.

The DESKLINE® DL5/DL6 system range contains the following products:

- 1 control box CBD4/CBD5/CBD6
- 1 single DL5/DL6 or 2, 3, or 4 parallel
- 1 exchangeable mains cable
- 1, 2, 3, or 4 motor cables
- 1 DP1U/DPF1M (if memory function is required) DP1C/WDPL/DPT/DPF1C (if memory function and display is required) or 1 DPA/DPB/DP1K/DP1V/DPF1K (if only up/down is required.)

Electrical connection of the DL5/DL6 system

The DESKLINE® DL5/DL6 system is to be connected as shown on figure 4. Each DL5/DL6 is to be connected to the sockets on the control box by means of the motor cables, which have an 6-pin plug in each end. Finally, the mains cable is to be mounted and power switched on.



Please note that the control box must only be connected to the voltage stated on the label.

CBD4/CBD5/CBD6 with earth

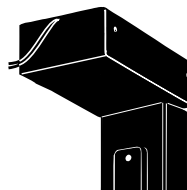
The CBD4/CBD5/CBD6 earth cable to be mounted on the desk construction (typically the top frame) in a way that ensures good electrical contact. The function of the earth cable is to earth the desk and ground static electricity. The earth connection does not protect other electrical products.



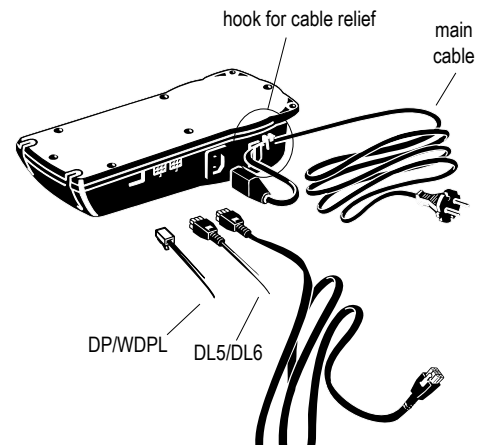
CBD4/CBD5 with mains cut-off (non ZERO models)

If the power cable is damaged it has to be replaced by an authorized LINAK service centre to avoid any danger.

DL5/DL6 cable



DL5/DL6



Anti-Collision™

The function (anti-collision) is an option for the standard CBD4/CBD5/CBD6 advanced/control box software 0077432 version 1.66 and later. A system with anti-collision can limit material damages on a desk if a collision with a solid object should occur

Method of operation

When the DL/DB's are running the CBD4/CBD5/CBD6 monitors the current consumption on each channel using a special algorithm. If the current consumption on one channel is increased more than a predefined slope, a collision is assumed and all channels are stopped immediately and all DL/DB's will start to run in the opposite direction (approx. 50 mm). This return drive is done automatically and continues with or without any control key pressed (for max. 2.5 sec.).

The anti-collision sensitivity is different in upward and downward direction. Upwards the force is approx. 20 kg. Downwards the load will be approx. 40 kg + the load on the DL/DB (the desk + what is on top of the desk). The 40 kg are needed to activate the anti-collision function.

Situations where the anti-collision does not work

There are situations where the anti-collision will not be activated. These situations are:

- If the collision happens during the initialisation phase
- If the collision happens within the first 1000 msec or after the control button has been released
- If the collision happens between the floor and the table and the load on the desk + the weight of the legs are lower than 40 kg
- If the collision happens over too long time, e.g. if the collision is with a soft object.

Freedom XRS Elite Troubleshooting Guide

Symptom	Problem	Solution
Worksurface will not operate	Loss of power	Be sure control box is plugged into a live circuit.
	Loose electrical connections	Make sure all electrical connections are securely plugged into the control box. See wiring diagram on p.9 for reference.
	Object encountered under the lectern worksurface	1. Raise the worksurface by pressing the "up" button. 2. Remove any items under the lectern worksurface. 3. Reset the lift mechanism (see below for procedure.)
	Misaligned actuators due to unbalanced loads	<u>Solution #1</u> Reset Procedure 1. Unplug, then re-plug the power cord into a wall outlet. 2. Make sure all lift mechanism wire connections are in place and secure. 3. Remove <u>anything</u> located under the lectern worksurface. 4. Press and hold the "Down" button until the lectern stops moving. Release the "Down" button. 5. Press and hold the "Down" button again and hold for 35-45 seconds. The actuators have now been reset and the worksurface can be adjusted normally.
		<u>Solution #2</u> 1. Detach <u>one</u> of the actuators from the worksurface. 2. Lower the lectern all the way down. 3. Re-attach the actuator to the worksurface.



WARNING



Be sure the lectern movement does not interfere with objects or people. Do not place any items under the lectern worksurface.

Warranty

WE WILL MAKE IT RIGHT FOR YOU!

Spectrum is committed to provide complete customer satisfaction. Each of our products is manufactured from the best materials available and each product is stringently monitored throughout the production process through our P.A.C.E. program (Product Assurance to meet Customer Expectations).

We expressly warrant that Spectrum products will be of good quality and workmanship and free from defect for the period set out in the warranty table below from the date of delivery. This warranty shall not apply to defects or damage resulting from misuse, abuse, neglect, improper care, modification or repair not authorized by Spectrum, or any other cause outside the control of Spectrum. Spectrum will, at its sole option, either repair or replace the defective product.

This warranty is exclusive; no other warranty, written or oral, is expressed or implied. This warranty is given by Spectrum to Buyer and to no other person or legal entity. No Spectrum dealer, distributor, agent or employee is authorized to make any modification or addition to this warranty.

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Our Customer Service Department is ready to provide immediate attention to any questions, comments or concerns. They are available to answer your calls Monday through Friday from 7 am to 5 pm CST. In addition your product comments or concerns are welcome via e-mail at: spectrum@spectrumfurniture.com.

Warranty Table

effective 1/1/2015

Item	Warranty Period
Adjustable Crank / Electric Desk Legs	• 1 Year
Flat Panel Desk Gas Cylinders	
Chairs - Adjustable Height Chair Parts – including frames, gas cylinders, wood and plastic parts, control handles, casters - Adjustable Height Chair Upholstery - In-Stock Upholstery - Graded-In Fabrics and Customer Owned Material	• 7 Years • 2 Years • 2 Years • No Warranty
Height Adjustable Columns and Lifts	• 1 Year
General Use Casters	
Electrical (including timers and LINAK actuators)	• 2 Years
Keyboard / Mouse Trays	• 1 Year
Flat Panel Monitor Arms - Flat Panel Monitor Arm – General Parts - Flat Panel Monitor Arm – Gas Cylinders	• 5 Years • 2 Years
Desks and Lecterns - Computer Desk Chassis - Cart Chassis - Lectern Chassis	• 10 Years

